

Please type a plus sign (+) inside this box

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

50017

February 12, 2001

First Inventor or Application Identifier

Scott E. Moore

Title

APPARATUS AND METHOD FOR CONDITIONING AND  
MONITORING MEDIA USED FOR CHEMICAL-MECHANICAL  
PLANARIZATION

Express Mail Label No.

EL 673971626 US

for nonprovisional applications under 37 CFR § 1.53(b)

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Box Patent Application  
Commissioner of Patents  
Washington, D.C. 20231

1. ☒ Fee Transmittal Sheet (+ copy)  
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant(s) Claim(s) Small Entity Status

3. ☒ Specification [Total Pages] **36**  
(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC 113) [Total Sheets] **7**

5. ☒ Oath or Declaration [Total Pages] **1**

- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)

6. ☒ Application Data Sheet (37 C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer-Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)

10. ☐ Assignment Papers (cover sheet & document(s))

11. ☒ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)

12. ☐ English Translation Document (if applicable)

13. ☒ Preliminary Amendment Total Pages **2**

14. ☒ Return Receipt Postcard

15. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

17. ☒ Other: Certificate of Express Mail  
Check

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment

☐ Continuation ☒ Divisional ☐ Continuation-In-Part (CIP) of prior Application No.: 09/387,063 Filed August 31, 1999

Prior application information: Examiner Marina Rachuba

Group / Art Unit 3724

☒ **Incorporation By Reference** (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

## CORRESPONDENCE ADDRESS

Steven H. Arterberry, Esq.  
Dorsey & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101-4010  
(206) 903-8800 phone  
(206) 903-8820 fax

Customer No. 27,076

TYPED or PRINTED NAME Steven H. ArterberryREGISTRATION NO. 46,314SIGNATURE Steven ArterberryDate 2/13/01

# FEE TRANSMITTAL SHEET (FOR FY 2001)

Complete if Known

Express Mail No.	EL 673971626
Filing Date	Concurrently Herewith
First Named Inventor	Scott E. Moore
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	500170.05

## METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	710	201	355	<input checked="" type="checkbox"/> Utility Filing Fee
106	320	206	160	<input type="checkbox"/> Design Filing Fee
108	710	208	355	<input type="checkbox"/> Reissue Filing Fee
114	150	214	75	<input type="checkbox"/> Provisional Filing Fee

**Subtotal (1) \$ 710**

### 2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	65	-	20 = 45	x \$ 18 = \$ 810
Ind.	8	-	3 = 5	x \$ 80 = \$ 400
Multiple Dependent Claims				x \$ = \$

**Subtotal (2) \$ 1,210**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent Claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
115	110	215	55	Extension for reply within first month	\$
116	390	216	195	Extension for reply within 2 <sup>nd</sup> month	\$
117	890	217	445	Extension for reply within 3 <sup>rd</sup> month	\$
118	1,390	218	695	Extension for reply within 4 <sup>th</sup> month	\$
128	1,890	280	945	Extension for reply within 5 <sup>th</sup> month	\$
120	310	220	155	Filing a brief in support of an appeal	\$
121	260	270	135	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	10	240	55	Petition to revive - unavoidable	\$
141	1,240	241	620	Petition to revive - unintentional	\$
142	1,240	242	620	Utility/Reissue issue fee (+ advance copies)	\$
143	440	243	220	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$
179	710	279	355	Request for Continued Examination (RCE)	\$

Other fee (specify)

**Subtotal (3) \$ -0-**

**Total Amount of Payment: \$ 1,920**

Submitted by:

Name: Steven H. Arterberry

Reg. No.: 46,314

Telephone: (206) 903-8800

Signature:

*Steven Arterberry*

Date:

2/13/01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Scott E. Moore Attorney Docket No.: 500170.05  
Filed : Concurrently Herewith  
Title : APPARATUS AND METHOD FOR CONDITIONING AND MONITORING MEDIA  
USED FOR CHEMICAL-MECHANICAL PLANARIZATION

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**GENERAL AUTHORIZATION**

Box Patent Application  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date 2/13/01

  
\_\_\_\_\_  
Steven H. Arterberry  
Registration No. 46,314

SHA:mp

1420 Fifth Avenue, Suite 3400  
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Fax (206) 903-8820

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Scott E. Moore

Attorney Docket No.: 500170.05

Filed : February 13, 2001

Title : APPARATUS AND METHOD FOR CONDITIONING AND MONITORING  
MEDIA USED FOR CHEMICAL-MECHANICAL PLANARIZATIONCERTIFICATE OF MAILING BY "EXPRESS MAIL"Box Patent Application  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 673971626 US, on February 13, 2001, addressed to Box Patent Application, Commissioner of Patents, Washington, DC 20231.

Respectfully submitted,

DORSEY &amp; WHITNEY LLP

  
for West Courier

SHA:mp

Enclosures:

- Postcard
- Check
- Form PTO/SB/05
- Application Data Sheet
- Fee Transmittal Sheet (+ copy)
- General Authorization
- Preliminary Amendment
- Copy of Previously Filed Specification, Claims, Abstract (36 pages)
- Copy of 7 Sheets of Drawings (Figures 1-7)
- Copy of Declaration
- Copy of Election and Power of Attorney
- Copy of Revocation and Substitute Power of Attorney
- Information Disclosure Statement, Form PTO-1449

## PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

September 18, 2000  
Date

Cheryl Ammerlahn  
~~Christina F. Fernandez~~ CHERYL AMMERLAHN

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Scott E. Moore

Attorney Docket No.: 660073.761 (500170.01)

Serial No.: 09/387,063

Group Art Unit : 3724

Filed : August 31, 1999

Examiner : M. Rachuba

Title : APPARATUS AND METHOD FOR CONDITIONING AND  
MONITORING MEDIA USED FOR CHEMICAL-MECHANICAL  
PLANARIZATION

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**TRANSMITTAL FOR REVOCATION AND SUBSTITUTE POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:


Transmitted herewith and attached hereto as Addendum A is a true and correct copy of the Revocation and Substitute Power of Attorney executed June 1, 2000, in the above-identified application. The above-identified application is identified on Exhibit A.

Pursuant to 37 C.F.R. § 3.73, Michael L. Lynch, duly authorized designee of Assignee, has certified that the evidentiary documents have been reviewed, specifically the Assignment to MICRON TECHNOLOGY, INC., recorded

under Reel 010222 / Frame 0832, and certified that to the best of his knowledge and belief, title remains in the name of the Assignee.

Respectfully submitted,

DORSEY & WHITNEY LLP



Edward W. Bulchis

Registration No. 26,847

Enclosures:

Addendum A

Exhibit A

1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101-4010  
(206) 903-8800 (telephone)  
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